

<u>CARRY OUTPUTS</u>	Provided internally for each channel, -1v into 50 ohms.
<u>MANUAL RESET</u>	A pushbutton resets all channels and overflow flip-flops.
<u>GATE SELECT</u>	A locking toggle switch allows the gates to be controlled by the front panel inhibit signals or by this signal "OR"ed with the dataway inhibit (I).
<u>CAMAC COMMANDS</u>	
N·F0·A _i *	Reads 24 bits of data onto Read Lines 1-24. Generates a Q response. Resets overflow at S2.
N·F1·A14	Reads LAM requests on R1-4. Generates Q response.
N·F2·A _i *	Same as F0 and in addition resets channel to zero at S2.
N·F8·A14	Tests LAM (overflow) requests and if enabled generates a response on the Q line.
N·F9·A _i *	Resets counter channel at S2.
N·F10·A _i *	Resets overflow flip-flop at S2.
N·F24·A14	Disables LAM requests.
N·F25·A0-3	Increments each channel by one at S2 (independent of inhibit gates).
N·F26·A14	Enables LAM requests.

*NOTE: A_i i = 0, 1, 2, 3

Z·S2	Resets all channels, overflow flip-flop, disables LAM requests.
C·S2	Resets all channels and overflow flip-flops.
I	Inhibits all channels if gate select switch is in appropriate position.
Q	A Q=1 is generated in response to F0, F1, F2, and F8 if an overflow has occurred and the unit is enabled.
L	An "L" signal is generated whenever an overflow has occurred and the module is enabled, but not addressed.
X	X=1 is generated for all valid commands.

INDICATORS

Gate Lights	Four LED's are provided to indicate when the counting gates are open.
N Light	An LED is provided to indicate when the module is addressed.

POWER REQUIREMENTS 800ma, +6v; 400ma, -6v

TEMPERATURE RANGE 0°C to 50°C

SIZE Single width CAMAC module

CONNECTORS LEMO RA00250, Mating Connector F00250

OPTION 125MHZ Scaler - This unit has a counting speed of 125MHZ, all other specifications are the same. Model S1

JEI 0182

166 LAUREL ROAD, EAST NORTHPORT, N.Y. 11731, U.S.A. • TEL. 516-757-6200

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